

What is claimed is:

1. A liquid detergent composition suitable for washing and conditioning delicate fabrics comprising:

- an anionic surfactant;
- a quaternary ammonium surfactant;
- a silicone softening agent; and
- optionally, an emulsifier

wherein the weight ratio of anionic surfactants to quaternary ammonium surfactants is from about 2:1 to about 3:1, preferably from about 2.2:1 to about 2.8:1.

2. A liquid detergent composition according to claim 1 further comprising an enzyme selected from the group consisting of mannanases, amylases and mixtures thereof.

3. A liquid detergent composition according to claim 1 wherein the composition contains no cellulase or peroxidase enzymes.

4. A liquid detergent composition according to claim 1 wherein the quaternary ammonium surfactant is selected from the group consisting of:

$$\left[\begin{array}{c} R_4 \quad R_1 \\ \diagdown \quad \diagup \\ N \\ \diagup \quad \diagdown \\ R_3 \quad R_2 \end{array} \right]^\oplus X^\ominus$$

wherein R₁ and R₂ are individually selected from the group consisting of C₁-C₄ alkyl, C₁-C₄ hydroxy alkyl, benzyl, and -(C₂H₄O)_xH where x has a value from about 2 to about 5; X is an anion; and (1) R₃ and R₄ are each a C₆-C₁₄ alkyl or (2) R₃ is a C₆-C₁₈ alkyl, and R₄ is selected from the group consisting of C₁-C₁₀ alkyl, C₁-C₁₀ hydroxyalkyl, benzyl, and -(C₂H₄O)_xH where x has a value from 2 to 5 and mixtures thereof

5. A liquid detergent composition according to claim 1 further comprising a fabric care component selected from the group consisting of cyclic amine based polymer, oligomer and copolymer materials, polyvinyl pyrrolidone polymers, polyamine N-oxide polymers, copolymers

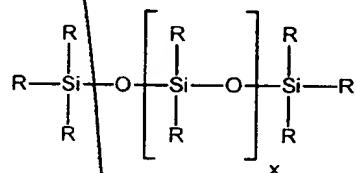
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5 of N-vinylpyrrolidone and N-vinylimidazole, manganese phthalocyanine, peroxidases and mixtures thereof.

6. A liquid detergent composition according to claim 1 further comprising a cyclic amine based polymer, oligomer or copolymer material and polyamine N-oxide polymers.

7. A liquid detergent composition according to claim 1 the silicone softening agent selected from the group consisting of:



5 wherein R is aliphatic, preferably alkyl or alkenyl, or aryl; R can be substituted or unsubstituted, and x is an integer from 1 to about 8,000. *B*

8. A liquid detergent composition according to claim 1 further comprising a-amylases having a specific activity at least 25% higher than the specific activity of Termamyl[®] at a temperature range of 25°C to 55°C and at a pH value in the range of 8 to 10, measured by the Phadebas[®] a-amylase activity assay.

9. A liquid detergent composition according to claim 1 wherein the silicone softening agent is selected from the group consisting of: polydimethylsiloxane, polydiethylsiloxane, polymethylphenylsiloxane and mixtures thereof

10. A liquid detergent composition according to claim 1 wherein the silicone softening agent is a polyalkylene oxide-modified polydimethylsiloxane.

11. A liquid detergent composition according to claim 1 wherein the emulsifier is an emulsifying surfactant.

A kit comprising:

(a) a flexible wrap container comprising:

a flexible panel having a right edge, a left edge, a top edge, and a bottom edge;

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5 at least one strap and a first fastening device attached to said strap for securing
the wrap container in a roll-like shape;

a first flap attached to said right edge of said flexible panel; and

a second flap attached to said left edge of said flexible panel, wherein said first
and second flaps overlap when folded about their respective edges;

10 (b) instructions for using the flexible wrap container, the instructions being enclosed with
or on a container enclosing the kit; and

(c) a liquid detergent composition suitable for washing and conditioning delicate fabrics
comprising:

- i) an anionic surfactant;
- ii) a quaternary ammonium surfactant;
- iii) a silicone softening agent; and
- iv) optionally, an emulsifier;

15 wherein the weight ratio of anionic surfactants to quaternary ammonium surfactants is
from about 2:1 to about 3:1, preferably from about 2.2:1 to about 2.8:1.

2 13. A kit according to claim *12* wherein the kit further comprises a wash pretreatment
composition comprising surfactants, enzymes and water.

3 14. A kit according to claim *12* wherein the flexible wrap container at standard temperature
and pressure has a density of greater than about 1 g/cm³.

4 15. A kit according to claim *13* wherein the wash pretreatment composition further comprises
ingredients selected from the group consisting of: deterutive surfactants, enzymes, dye transfer
inhibiting polymers, soil release agents, detergent builders, non-deterutive surfactants, dispersant
polymers, water, ethanol and mixtures thereof.

5 16. A process comprising the steps of:

(a) placing a garment within a flexible wrap container, the flexible wrap container
comprising:

- (i) a flexible panel constructed from a material selected from the group
consisting of woven polyester, woven nylon or a combination thereof; the
flexible panel has a right edge, a left edge, a top edge and a bottom edge;

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(ii) at least two connecting means located adjacent to the bottom edge of the flexible panel for the purpose of attaching the flexible wrap container to a second flexible wrap container;

10 (iii) a first and a second strap, each strap attached adjacent to the top edge of the flexible panel; and

(iv) a first fastening device which is fixably and permanently attached to the first or second strap, so that the first fastening device's position on the strap does not change, and a second fastening device, attached to the first or second strap by passing the strap through the second fastening device in such a way that by changing the second fastening device's position on the strap, the length of the strap can be increased or decreased;

(b) placing the flexible wrap container together with an effective amount of a liquid detergent composition suitable for washing and conditioning delicate fabrics inside a washing machine wherein the detergent composition comprises:

- i) an anionic surfactant;
- ii) a quaternary ammonium surfactant;
- iii) a silicone softening agent; and
- iv) optionally, an emulsifier;

25 wherein the weight ratio of anionic surfactants to quaternary ammonium surfactants is from about 2:1 to about 3:1, preferably from about 2.2:1 to about 2.8:1; and

(c) operating the washing machine as directed by the manufacturer.

6 17. The process according to claim *16* wherein before step (a), the process further comprises the steps of:

- (i) applying a wash pretreatment composition directly to a stain, the stain being in contact with an absorbent material covering a localized area of the garment intended to be washed;
- (ii) concurrently with step (i), applying mechanical action to the stain by means of a wash pretreatment applicator, whereby the stain is transferred into the absorbent material; and
- (iii) optionally, rinsing the wash pretreatment composition off the localized area of the garment.

7 18 A kit according to claim *12* wherein the silicone softening agent is a polyalkylene oxide-modified polydimethylsiloxane.

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16. A process according to claim 16 wherein the silicone softening agent is a polyalkylene oxide-modified polydimethylsiloxane.

17. A process according to claim 16 wherein improved ironing efficiency of the garment results therefrom.

18. A process according to claim 20 wherein reduced wrinkling of the garment results therefrom.

19. A process according to claims 20-21 wherein the garment is composed of silk fibers.

20. A liquid detergent composition according to claim 1 further comprising a mannanase enzyme.